

Technology of the future in  
Valais, between  
tradition&innovation

Innovation Day SBB/CFF Bern

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**Roboclette®**

# À propos de Workshop4.0 SA

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- Start-up founded in 2020, the story of a garage and enthusiasts.
- Einterdisciplinary team, no trained engineer among the founders
- Robotics at the service of people and products.
- Supported by the canton of Valais CCF and The Ark Foundation
- A strong network of partners in Switzerland and abroad.
- Strong links with Swiss and foreign media (France-Europe), more than 100 articles for Roboclette, Robofondue.....
- Several large-scale projects (Milan FashionWeek 2020, CES Las-Vegas 2020, 100 years of Moroccan/Swiss diplomatic relations 2021, Salon Agriculture Paris 2022 and Berlin 2023&2024 Roboclette tour: USA (2022) Canada (2023) Japan (2024) / 2 participations in the World Economic Forum 2022-23 / Inauguration of the Swiss Embassy in the Vatican with Ignazio Cassis (2023) / Participation Milan Design Week (2024) and many more 😊

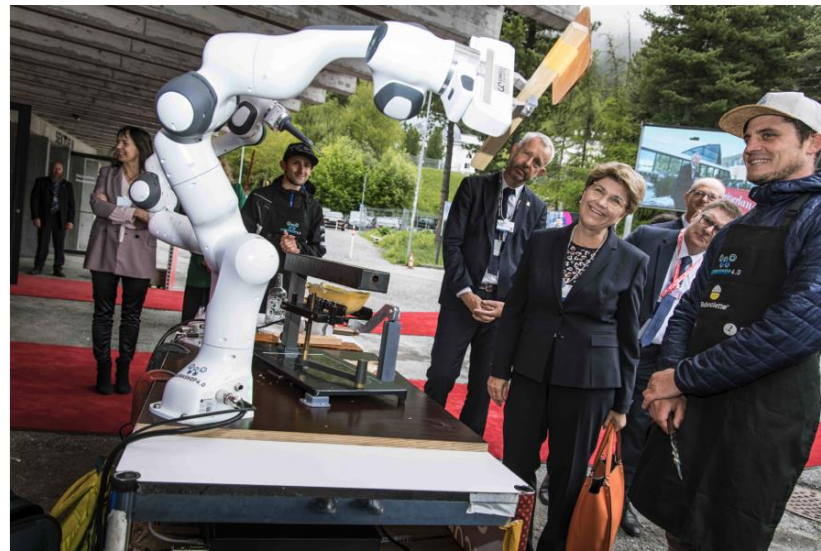
# Robotique événementiel



- Apérobot avec Les Celliers de Sion <https://www.youtube.com/watch?v=uC9m7BE1vz4>
- Beer'Bot, avec la bière artisanale de chez Hoppy People
- Roboclette «le robot à Baillifard et la raclette AOP du Valais». <https://www.youtube.com/watch?v=a6KpHR6jkSc>
- Bouébot «Le robot fondue moitié-moitié» un goût de terroir fribourgeois» <https://www.youtube.com/watch?v=UOMPlpN-psE>
- Le SiropBot des eaux de Sembrancher et des bons sirops Morand <https://www.youtube.com/watch?v=tsOrd7Huyy8>



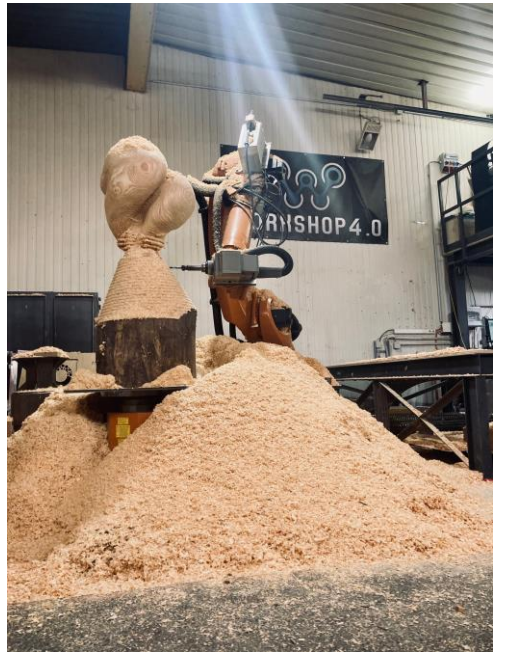
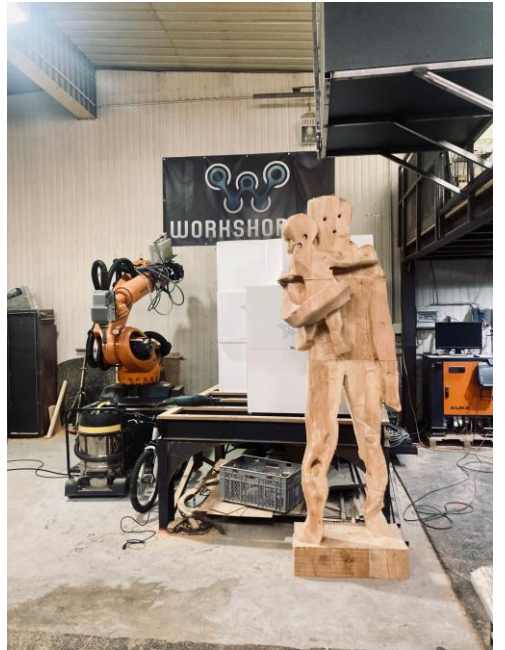
# Roboclette On tour



## Custom machining with robot :

- Creation of statues in wood, resin, PE....
- An exceptional partnership with artist Valentin Carron (Art Basel 2023, exhibitions in Los Angeles, Paris and Brussels)  
<https://www.davidkordanskygallery.com/exhibitions/valentin-carron4>
- Design and machining of made-to-measure furniture



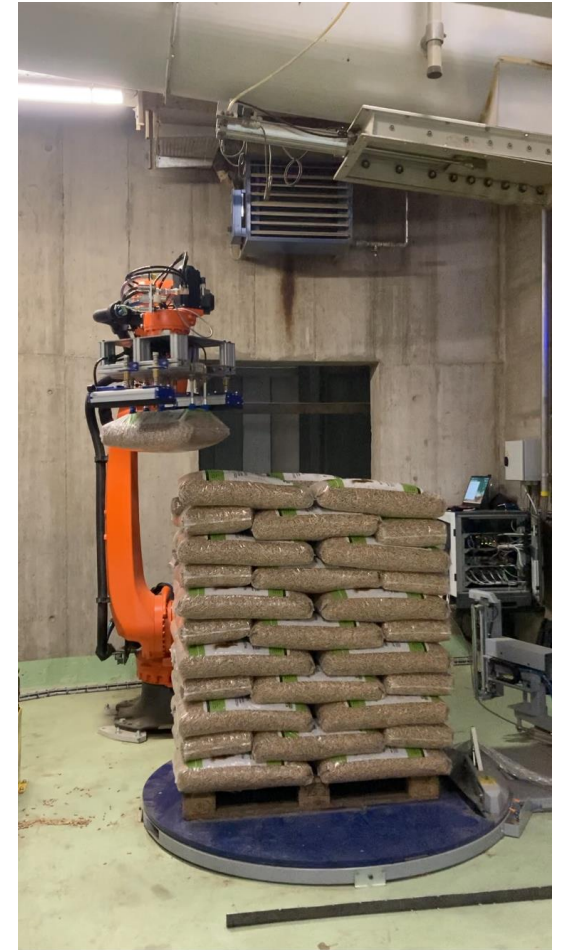
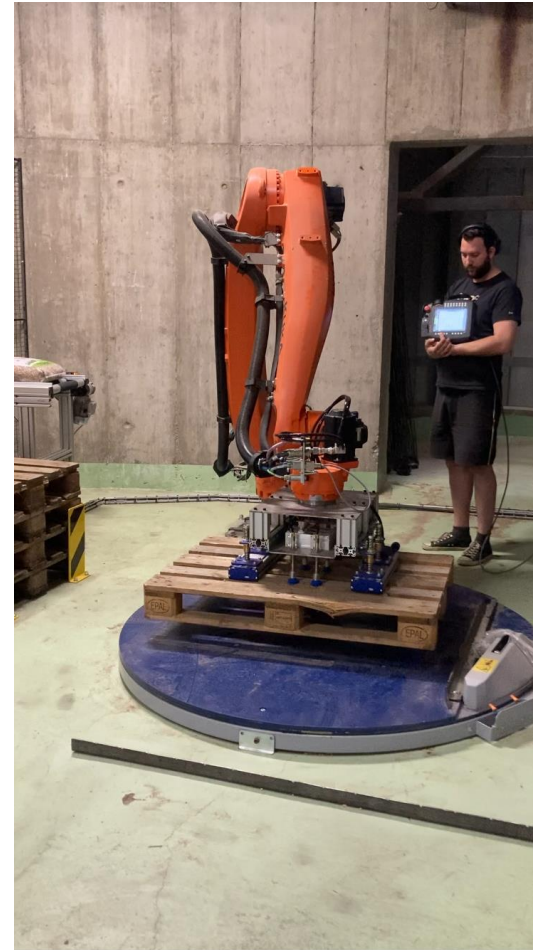




# Intégration et configuration de robots

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- Process optimisation
- Identifying a field of application
- Identifying interactions
- Documentation
- Development of tools
- Automation and integration
- Testing and training
- Monitoring and consulting

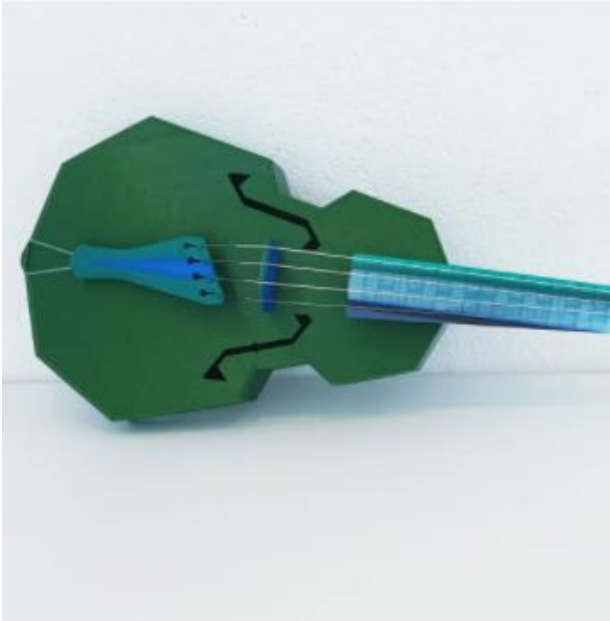




# 3D Printing :

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- 3D design and printing of objects
- Production of prototyping models
- Modelling and production of corporate gifts



# Laser engraving and cutting :

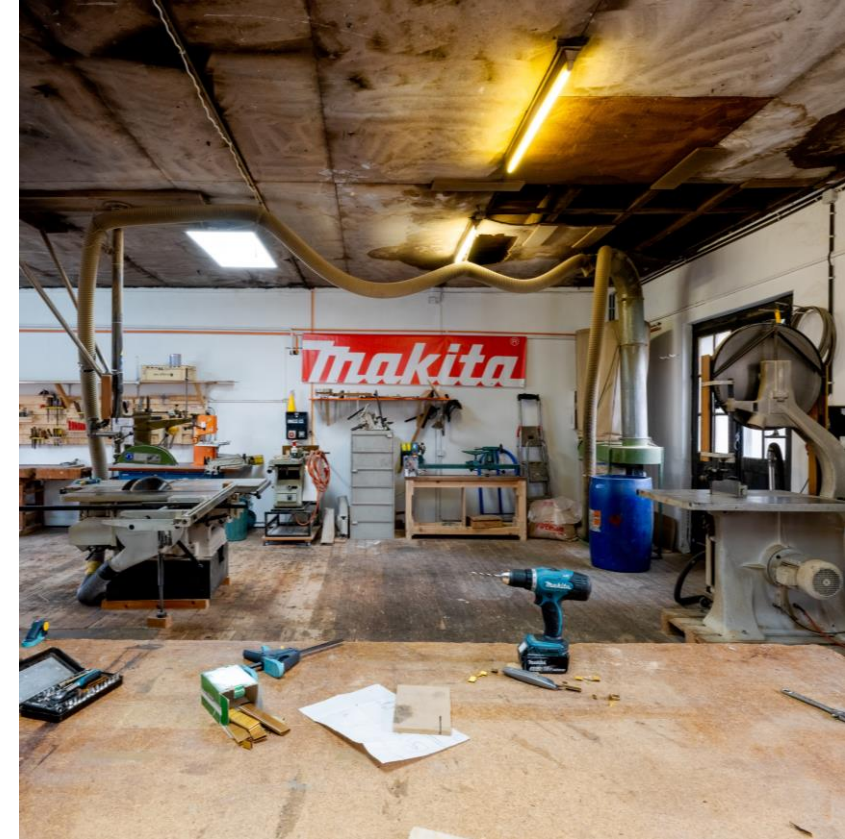
- Design and personalisation of labels, signs and packaging. Engraving of serial numbers....
- Production of models for architects, relief measurements.



## And for fun: Robot Spot - Boston Dynamics



<https://www.youtube.com/watch?v=B47oKR38Jec>



## A committed start-up

- Satellite Association : Les Communs, Sierre's MakerSpace
- Exchange of know-how
- Provision of resources (useless stocks, machines, hrs, vehicles, etc.)
- <https://www.lesatellite.ch>

# Partenariats



# Contact

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Merci pour votre attention 😊

